

IN THE CLAIMS:

1. (Currently Amended) A method for requesting location information from a networked entity able to provide location information, ~~characterized by~~ comprising:
 - generating an invocation response, said invocation response containing a location invocation document including at least an instruction directed to said networked entity to transmit location information being provided for performing location-based services being operated on a serving entity;
 - binding said invocation response to a communication protocol defining a header section and a body section; said location invocation document being comprised in said body section; and
 - transmitting said invocation response to said networked entity.
2. (Currently Amended) ~~A method~~ The method according to claim 1, ~~characterized by~~ further comprising:
 - receiving an application request, said application request containing at least an instruction for requesting location service (LCS) requiring location information to be performed;
 - parsing said application request for extracting information comprised in said application request;
 - identifying location information from the extracted information; andin case said identifying of said location information fails:
 - initiating said generating of said invocation response.
3. (Currently Amended) ~~A method~~ The method according to claim 1, ~~characterized by~~ further comprising:
 - encoding said location invocation document; said location invocation document being encoded as one of an XML-based (extended markup language) location invocation document and a WBXML-based (wireless binary extended markup language) location invocation document.
4. (Currently Amended) ~~A method~~ The method according to claim 1, ~~characterized in that~~
 - wherein said communication protocol is one of a hypertext transmission protocol (HTTP), a wireless application protocol (WAP) and a wireless session protocol (WSP) and

- wherein said communication protocol is based on one of a GET procedure or a POST procedure corresponding to the employed communication protocol.
5. (Currently Amended) A method for transmitting location information to a serving entity operating location-based services, ~~characterized by~~ comprising:
- generating a delivery request, said delivery request containing a location delivery document including location information, said location information being provided for performing location-based services being operated on said serving entity; said delivery request requesting the results of said location-based services;
 - binding said delivery request to a communication protocol defining a header section and a body section; said location delivery document being comprised in said body section; and
 - transmitting said delivery request to said serving entity.
6. (Currently Amended) ~~A method~~ The method according to claim 5, ~~characterized by~~ further comprising:
- encoding said location delivery document; said location delivery document being encoded as one of an XML-based (extended markup language) location delivery document and a WBXML-based (wireless binary extended markup language) location delivery document.
7. (Currently Amended) ~~A method~~ The method according to claim 5, ~~characterized in that~~
- wherein said communication protocol is one of a hypertext transmission protocol (HTTP), a wireless application protocol (WAP) and a wireless session protocol (WSP); and
 - wherein said communication protocol is based on one of a GET procedure or a POST procedure corresponding to the employed communication protocol.
8. (Currently Amended) ~~A method~~ The method according to claim 5, ~~characterized by~~ further comprising:
- receiving an application request; said application request containing information in accordance with said performing of location-based services being operated on said serving entity.

9. CANCEL.

10. CANCEL.

11. CANCEL.

12. (Original) A software tool for handling of location information, comprising
program portions for carrying out the operations of claim 1, when said program is
implemented in a computer program for being executed on a processing device, a terminal device, a
communication terminal device or a network device.

13. (Original) A computer program product for handling of location information, comprising
loadable program code sections for carrying out the operations of claim 1, when said
computer program is executed on a processing device, a terminal device, a communication terminal
device or a network device.

14. (Original) A computer program product for handling of location information, wherein said
computer program product comprises
program code sections stored on a computer readable medium for carrying out the method of
claim 1, when said computer program product is executed on a processing device, a terminal device,
a communication terminal device or a network device.

15. (Currently Amended) A computer data signal embodied in a carrier wave and ~~representing~~
comprising:

instructions which when executed by a processor causes the steps of claim 1 to be carried out.

16. (Currently Amended) A networked entity for transmitting location information to a serving
entity operating location-based services, ~~characterized by~~ comprising:

- an encoder ~~(102)~~ for generating a delivery request, said delivery request containing a location
delivery document including location information, said location information being provided

for performing location-based services being operated on said serving entity; said delivery request requesting the results of said location-based services;

- a communication agent (105) for binding said delivery request to a communication protocol defining a header section and a body section; said location delivery document being comprised in said body section; and
- a communication interface (106, 107) for transmitting said delivery request to said serving entity.

17. (Currently Amended) A serving entity for requesting location information from a networked entity able to provide location information, characterized by

- an encoder (202) for generating an invocation response, said invocation response containing a location invocation document including at least an instruction to said networked entity to transmit location information for being provided for performing location-based services being operated on a serving entity;
- a communication agent (205) for binding said invocation response to a communication protocol defining a header section and a body section; said location invocation document being comprised in said body section; and
- a communication interface (206, 207) for transmitting said invocation response to said networked entity.

18. CANCEL.

19. (Currently Amended) A system for handling of location information, ~~characterized by~~ comprising:

- at least one serving entity, ~~comprising~~ including:
 - an encoder (202) for generating a invocation response, said invocation response containing a location invocation document including at least an instruction to said networked entity to transmit location information for being provided for performing location-based services being operated on a serving entity;

- a communication agent (205) for binding said invocation response to a communication protocol defining a header section and a body section; said location invocation document being comprised in said body section; and
- a communication interface (206, 207) for transmitting said invocation response to said networked entity; and
- at least one networked entity, ~~comprising~~ including:
 - an encoder (102) for generating a delivery request, said delivery request containing a location delivery document including location information, said location information being provided for performing location-based services being operated on said serving entity; said delivery request requesting for results of said location-based services;
 - a communication agent (105) for binding said delivery request to a communication protocol defining a header section and a body section; said location delivery document being comprised in said body section; and
 - a communication interface (106, 107) for transmitting said delivery request to said serving entity.

20. (Currently Amended) ~~A system~~ The system according to claim 19, ~~characterized in that wherein~~ said at least one serving entity further comprises ~~further~~:

- a communication interface (206, 207) for receiving said delivery request from a networked entity; said delivery request containing a location delivery document including location information, said location information being provided for performing location-based services being operated on said serving entity; said delivery request requesting for results of said location-based services
- a parser (203) for extracting said location delivery document from said delivery request and parsing said location delivery document to extract said location information;
- location-based services (204) for performing said location-based services in accordance with said delivery request and on the basis of said location information;
- an encoder (202) for generating an application response; said application response containing information resulted from said performing of said location-based services; and
- said communication interface (206, 207) for transmitting said application response to said networked entity.

21. (New) A computer program product for handling of location information, wherein said computer program product comprises program code sections stored on a computer readable medium for causing:

- generating an invocation response, said invocation response containing a location invocation document including at least an instruction directed to a networked entity to transmit location information being provided for performing location-based services being operated on a serving entity;
- binding said invocation response to a communication protocol defining a header section and a body section; said location invocation document being comprised in said body section; and
- transmitting said invocation response to said networked entity.

22. (New) The computer program of claim 21, wherein the program code sections are for further causing:

- receiving an application request, said application request containing at least an instruction for requesting location service (LCS) requiring location information to be performed;
 - parsing said application request for extracting information comprised in said application request;
 - identifying location information from the extracted information; and
- in case said identifying of said location information fails:
- initiating said generating of said invocation response.

23. (New) The computer program of claim 21, wherein the program code sections are for further causing:

- encoding said location invocation document; said location invocation document being encoded as one of an XML-based (extended markup language) location invocation document and a WBXML-based (wireless binary extended markup language) location invocation document.

24. (New) The computer program of claim 21,

- wherein said communication protocol is one of a hypertext transmission protocol (HTTP), a wireless application protocol (WAP) and a wireless session protocol (WSP) and

- wherein said communication protocol is based on one of a GET procedure or a POST procedure corresponding to the employed communication protocol.

25. (New) A computer program product for handling of location information, wherein said computer program product comprises program code sections stored on a computer readable medium for causing:

- generating a delivery request, said delivery request containing a location delivery document including location information, said location information being provided for performing location-based services being operated on a serving entity; said delivery request requesting the results of location-based services;
- binding said delivery request to a communication protocol defining a header section and a body section; said location delivery document being comprised in said body section; and
- transmitting said delivery request to said serving entity.

26. (New) The computer program product according to claim 25, wherein the program code sections are for further causing:

- encoding said location delivery document; said location delivery document being encoded as one of an XML-based (extended markup language) location delivery document and a WBXML-based (wireless binary extended markup language) location delivery document.

27. (New) The computer program product according to claim 25,

- wherein said communication protocol is one of a hypertext transmission protocol (HTTP), a wireless application protocol (WAP) and a wireless session protocol (WSP); and
- wherein said communication protocol is based on one of a GET procedure or a POST procedure corresponding to the employed communication protocol.

28. (New) The computer program product according to claim 25, wherein the program code sections are for further causing:

- receiving an application request; said application request containing information in accordance with said performing of location-based services being operated on said serving entity.

29. (New) The serving entity of claim 17, further comprising:

a communication interface for receiving an application request, said application request containing at least an instruction for requesting location service (LCS) requiring location information to be performed;

a parser for parsing said application request for extracting information comprised in said application request;

said parser for identifying location information from the extracted information; and

said parser is also for initiating said generating of said invocation response in case said identifying of said location information fails.

30. (New) The serving entity of claim 17, wherein said encoder is also for encoding said location invocation document; said location invocation document being encoded as one of an XML-based (extended markup language) location invocation document and a WBXML-based (wireless binary extended markup language) location invocation document.

31. (New) The serving entity of claim 17,

- wherein said communication protocol is one of a hypertext transmission protocol (HTTP), a wireless application protocol (WAP) and a wireless session protocol (WSP) and
- wherein said communication protocol is based on one of a GET procedure or a POST procedure corresponding to the employed communication protocol.

32. (New) The networked identity of claim 16, wherein said encoder is also for encoding said location delivery document; said location delivery document being encoded as one of an XML-based (extended markup language) location delivery document and a WBXML-based (wireless binary extended markup language) location delivery document.

33. (New) The networked identity of claim 16,

wherein said communication protocol is one of a hypertext transmission protocol (HTTP), a wireless application protocol (WAP) and a wireless session protocol (WSP); and

wherein said communication protocol is based on one of a GET procedure or a POST procedure corresponding to the employed communication protocol.

34. (New) The networked identity of claim 16, wherein said communication interface is also for receiving an application request; said application request containing information in accordance with said performing of location-based services being operated on said serving entity.

35. (New) An apparatus for requesting location information from a networked entity able to provide location information, comprising:

- means for generating an invocation response, said invocation response containing a location invocation document including at least an instruction directed to said networked entity to transmit location information being provided for performing location-based services being operated on a serving entity;
- means for binding said invocation response to a communication protocol defining a header section and a body section; said location invocation document being comprised in said body section; and
- means for transmitting said invocation response to said networked entity.